



5fw Receipt

PATENT

Attorney Docket No.: 8830-27 (165089)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent application of :
Aws Nashef et al. :
Serial No.: 10/069,649 : Group Art Unit:
: 3762
Filed: September 13, 2002 : Examiner:
For: HEAT TRANSFER DEVICES : Roy D. Gibson
:

REQUEST FOR CORRECTED FILING RECEIPT

Office of Initial Examination - Filing Receipt Correction
Commissioner of Patents and Trademarks
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the office action in the above referenced file, Applicant's representative noticed that the priority documents related to the foreign and domestic priority claims were not identified in the office action as having been received. A further review of the file resulted in the Applicant's representative noticing that the official filing receipt received from the PTO in the above application did not list the priority documents upon which this application is based. This Request for a Corrected Filing Receipt is being submitted to remedy this issue.

**CERTIFICATE OF MAILING
UNDER 37 C.F.R. 1.8(a)**

I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

BY

DATE:

As noted on the attached filing receipt, domestic priority is claimed to PCT application PCT/GB00/03273. [Exhibit A] That application claims priority from the following two applications:

GB 9920112.1 filed 8/26/1999

US 60/153,414 filed 9/10/1999

However, those applications are not identified on the filing receipt. Those applications are, however, identified on the published PCT application, WO 01/13808. [Exhibit B] Additionally, those priority applications were identified in the Declaration and Power of Attorney filed in the present case. [Exhibit C]. Accordingly, correction of the filing receipt is requested as set forth below.

There is an error with respect to the following data which is:

incorrectly entered/missing

	ERROR IN	CORRECT DATA
1.	<input type="checkbox"/> Applicant's name	1.
2.	<input type="checkbox"/> Applicant's address	2.
3.	<input type="checkbox"/> Title	3.
4.	<input type="checkbox"/> Filing Date	4.
5.	<input type="checkbox"/> Serial Number	5.
6.	<input checked="" type="checkbox"/> Foreign/PCT Application Reference	6. GB 9920112.1 dated 8/26/1999
7.	<input checked="" type="checkbox"/> Domestic Priority	7. US 60/153,414 filed 9/10/1999

Data

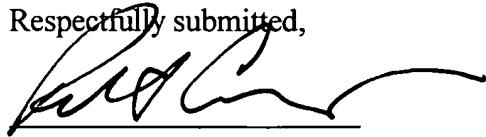
Inasmuch as this information should have been provided by the International Bureau and proper documents were submitted, this correction should be entered as a matter of course without any fee. The attached documents are provided in support of the request for corrected filing receipt,

It is believed that no fee should be due for consideration of this Request for Correction. However, if any fee is determined to be due, please charge such fee and credit any over charge to Deposit Account No. 50-0573.

6/28/04
Date

By:

Respectfully submitted,



ROBERT E. CANNUSCIO

Registration No. 36,469

DRINKER BIDDLE & REATH LLP

One Logan Square

18th & Cherry Streets

Philadelphia, PA 19103-6996

Tel: (215) 988-3303

Fax: (215) 988-2757

Attorneys for Applicant



Commissioner for Patents
Washington, DC 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/069,649	09/13/2002	3762	1164	8830-27 165089	3	28	1

165089

CONFIRMATION NO. 3544

23973

DRINKER BIDDLE & REATH
ONE LOGAN SQUARE
18TH AND CHERRY STREETS
PHILADELPHIA, PA 19103-6996

FILING RECEIPT



OC000000009500353

Date Mailed: 02/12/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Aws Nashef, Glasgow, GBN, UNITED KINGDOM;
Ted F Vander Wiede, Strathaven, GBN, UNITED KINGDOM;
Robert Macnair, Glasgow, GBN, UNITED KINGDOM;
Stephen Wilson, Edinburgh, GBN, UNITED KINGDOM;
Simon Andrews, Glasgow, GBN, UNITED KINGDOM;

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/GB00/03273 08/25/2000

Foreign Applications

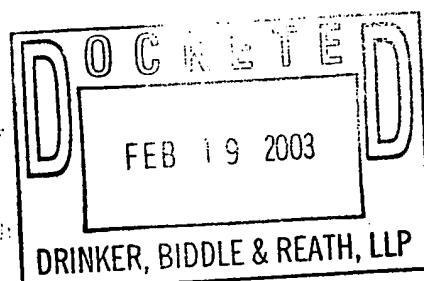
Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

Heat transfer devices



Preliminary Class

607

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 March 2001 (01.03.2001)

PCT

(10) International Publication Number
WO 01/13808 A1

(51) International Patent Classification⁷: A61B 18/08

(21) International Application Number: PCT/GB00/03273

(22) International Filing Date: 25 August 2000 (25.08.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

9920112.1 26 August 1999 (26.08.1999) GB
60/153,414 10 September 1999 (10.09.1999) US

(71) Applicant (for all designated States except US):
AORTECH INTERNATIONAL PLC [GB/GB];
Phoenix Crescent, Strathclyde Business Park, Bellshill
ML4 3NJ (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): NASHEF, Aws [US/GB]; 1 Langside Crescent, Bothwell, Glasgow G71 8DG (GB). WIEDE, Ted, Vander [US/GB]; 5 Flemington Court, Strathaven M40 6FL (GB). MCNAIR, Robert [GB/GB]; Flat 2/1, 93 Stranmore Road, Mount Florida, Glasgow G42 9AL (GB). WILSON, Stephen [GB/GB]; 63 Drum Crescent, Gilmerton, Edinburgh EH17 7EB (GB). ANDREWS, Simon [GB/GB]; 24 Louden Hill Road, Robroyston, Glasgow G33 1GA (GB).

(74) Agent: MURGITROYD & COMPANY; 373 Scotland Street, Glasgow G5 8QA (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

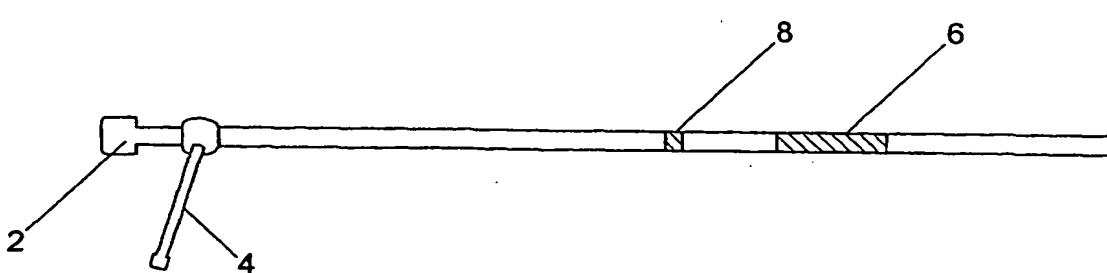
Published:

— With international search report.

— Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HEAT TRANSFER DEVICES



WO 01/13808 A1

(57) Abstract: A catheter having a heat transfer device at or near its distal end, wherein the heat transfer device is layered or coated onto or into the catheter wall is described. The heat transfer device is preferably a flexible film having one or more electrical resistor flow paths thereon or therethrough, or is disposed directly onto the catheter wall by a deposition process. The heat transfer device may alternatively be formed by a length of the catheter wall being formed wholly, substantially or partly from doped material able to act as a heat transfer device upon application of power therethrough. The heat transfer device is preferably powered by one or more metal wires co-extruded within the catheter body.



PATENT
Attorney Docket No. 8830-27

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name:

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HEAT TRANSFER DEVICES

the specification of which was filed on August 25, 2000 as PCT Application No. PCT/GB00/03273 and amended on February 26, 2002 (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S)

<u>COUNTRY/OFFICE</u>	<u>APPLICATION NO.</u>	<u>DATE OF FILING</u>	<u>PRIORITY CLAIMED</u>
United Kingdom	9920112.1	August 26, 1999	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



I hereby claim the benefit under 35 U.S.C. §119(e) of any United States

provisional application(s) listed below.

PROVISIONAL APPLICATION NUMBER

DATE OF FILING

60/153,414

September 10, 1999

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. §120**

Application Serial No.	Date of Filing	Status (check one)		
		Patented	Pending	Abandoned
NONE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

And I hereby appoint Arthur H. Seidel, Registration No. 15,979; Gregory J. Lavorgna, Registration No. 30,469; Daniel A. Monaco, Registration No. 30,480; Thomas J. Durling, Registration No. 31,349; John J. Marshall, Registration No. 29,671; Joseph R. DelMaster, Jr., Registration No. 38,123; Robert E. Cannuscio, Registration No. 36,469; and George A. Frank, Registration No. 27,636, my attorneys or agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to **Robert E. Cannuscio**, Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, Pennsylvania 19103-6996. Address all telephone calls to **Robert E. Cannuscio** at 215-988-3303 (telefax: 215-988-2757).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

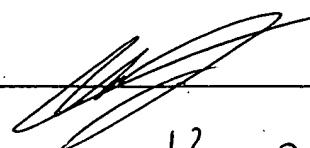
FULL NAME OF FIRST INVENTORAWS

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

NASHEF

(FAMILY OR LAST NAME)

Inventor's signature: **Date:**

13-06-02

Country of Citizenship: United States**Residence:** GlasgowGreat Britain

(City)

(State or Foreign Country)

Post Office Address:Court1 Langside CrescentBothwell, GlasgowG71 8DG, GREAT BRITAINNS**FULL NAME OF SECOND INVENTOR**TED

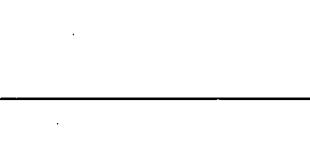
(GIVEN NAME)

VANDER

(MIDDLE INITIAL OR NAME)

WIEDE

(FAMILY OR LAST NAME)

Inventor's signature: **Date:****Country of Citizenship:** United States**Residence:** StrathavenGreat Britain

(City)

(State or Foreign Country)

Post Office Address:5 Flemington CourtStrathavenM40 6FL, GREAT BRITAIN

FULL NAME OF THIRD INVENTORROBERT

(GIVEN NAME)

MACNAIR

(MIDDLE INITIAL OR NAME)

(FAMILY OR LAST NAME)

Inventor's signature: Robert MacnairDate: 13TH JUNE 2002Country of Citizenship: Great BritainResidence: Glasgow Great Britain

(City)

(State or Foreign Country)

Post Office Address: Flat 2/1, 93 Stranmore Road
Mount Florida, Glasgow
G42 9AL, GREAT BRITAIN**FULL NAME OF FOURTH INVENTOR**STEPHEN

(GIVEN NAME)

WILSON

(MIDDLE INITIAL OR NAME)

(FAMILY OR LAST NAME)

Inventor's signature: Steph WilDate: 13 / 6 / 02Country of Citizenship: Great BritainResidence: Edinburgh Great Britain

(City)

(State or Foreign Country)

Post Office Address: 63 Drum Cresent
Gilmorton, Edinburgh
EH17 7EB, GREAT BRITAIN

FULL NAME OF FIFTH INVENTOR

SIMON

(GIVEN NAME)

ANDREWS

(MIDDLE INITIAL OR NAME)

(FAMILY OR LAST NAME)

Inventor's signature:



Date: 12/6/02

Country of Citizenship: Great Britain

Residence: Glasgow Great Britain

(City)

(State or Foreign Country)

Post Office Address: 24 Louden Hill Road
Robroyston, Glasgow
G33 1GA, GREAT BRITAIN